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PTO/SB/01 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Attorney Docket Number	016762.216-US00
First Named Inventor	Elizabeth L. Lee
COMPLETE IF KNOWN	
Application Number	09/897,450-8348
Filing Date	July 3, 2001
Group Art Unit	2064
Examiner Name	Not Yet Assigned



☐ Declaration Submitted with Initial Filing OR ☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM, APPARATUS, AND METHOD FOR PERFORMING CRYPTOGRAPHIC VALIDITY SERVICES

(Title of the Invention)

the specification of which

☐ is attached hereto
OR

☒ was filed on (MM/DD/YYYY) 07/03/2001 as United States Application Number or PCT International

Application No. 09/897,450-8348 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

Please type a plus sign (+) inside this box ☒

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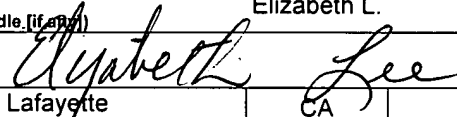
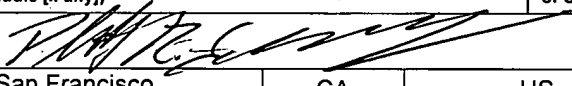
DECLARATION — Utility or Design Patent Application

Direct all correspondence to:

☒ Customer Number
or Bar Code Label

26853

OR ☐ Correspondence address below

Name				Covington & Burling			
Address				1201 Pennsylvania Avenue, NW			
City		Washington		State		D.C.	
ZIP		20004-2401		Country		USA	
Telephone		202.662.6000		Fax		202.662.6291	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Elizabeth L.		Family Name or Surname		Lee	
Inventor's Signature				Date		9/25/01	
Residence: City		Lafayette		State		CA	
Country		US		Citizenship		Australia	
Mailing Address:		1089 Miller Drive					
City		Lafayette		State		CA	
ZIP		94549		Country		US	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Phillip R.		Family Name or Surname		Schlesinger	
Inventor's Signature				Date		25 SEP 01	
Residence: City		San Francisco		State		CA	
Country		US		Citizenship		US	
Mailing Address:		4822 California Street					
City		San Francisco		State		CA	
ZIP		94118		Country		US	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Elizabeth L. Lee, et al.

Application No./Patent No.: 09/897,450

Filed/Issue Date: July 3, 2001

Entitled: SYSTEM, APPARATUS, AND METHOD FOR PERFORMING CRYPTOGRAPHIC VALIDITY SERVICES

Bank of America Corporation
(Name of Assignee)

, a Corporation
Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

10/19/01
Date

Michael A. Springs, Esq.
Typed or printed name

Michael A. Springs
Signature

Assistant General Counsel
Title

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 15th day of October, 2001 by Elizabeth L. Lee and Phillip R. Schlesinger (hereinafter referred to as Assignors), residing at 1089 Miller Drive, Lafayette, California 94549 and 4822 California Street, San Francisco, California 94118, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SYSTEM, APPARATUS, AND METHOD FOR PERFORMING CRYPTOGRAPHIC VALIDITY SERVICES, set forth in a Patent application for Letters Patent of the United States, already filed on July 3, 2001 as U.S. application No. 09/897,450-8348; and

WHEREAS, Bank of America Corporation, a corporation organized under and pursuant to the laws of North Carolina having its principal place of business at 100 North Tryon Street; Charlotte, North Carolina 28255; (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby agree to provide all reasonable aid to Assignee in the making and prosecuting of any application for Letters Patent that Assignee may wish to make covering the invention claimed in the application and investing in Assignee like exclusive right, title, and interest in and to all such other applications and resulting Letters Patent in similar proportion. Assignors hereby agree that Assignors will similarly aid Assignee in the prosecution of any interference that may arise involving any application for Letters Patent herein contemplated; provided, however, that Assignee fully indemnifies and holds harmless Assignors from all claims, losses, suits and damages, including attorney's fees and all other expenses, actually incurred in connection with any of the obligations of Assignors in this paragraph.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

COVINGTON & BURLING

Paul J. Berman	36,744	Ann O. McGeehan	45,839	Michael A. Springs	41,322
Kurt Geoffrey Calia	38,702	Jeannie M. Perron	31,180	Lee J. Tiedrich	42,184
Richard P. Dulik	40,598	C. Edward Polk	45,830	Henry P. Ting	46,278
Thomas W. Krause	40,335	Andrea G. Reister	36,253	Grady L. White	40,874
Scott B. Markow	46,899	David P. Ruschke	40,151	Anthony S. Yoo	45,540
		Christopher N. Sipes	39,837		

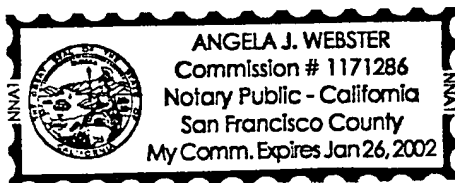
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Elizabeth Lee
Elizabeth L. Lee

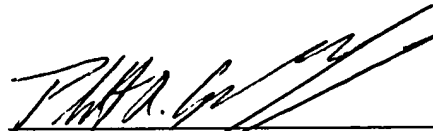
Date: 15th October 2001

United States of America)
State of CALIFORNIA) ss.:
County of SAN FRANCISCO)

On this 15th day of October, 2001, before me
personally came Elizabeth L. Lee, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Angela J. Webster
Notary Public

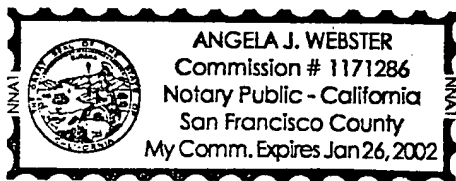


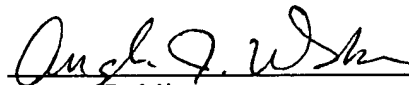
Phillip R. Schlesinger

Date: 15 OCT 2001

United States of America)
State of CALIFORNIA) ss.:
County of SAN FRANCISCO)

On this 15th day of October, 2001, before me
personally came Phillip R. Schlesinger, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.




Notary Public